

Preparing D-(-)-Su's 1-R-substituted phenyl-2-difluoro acetoamin -3-fluoropropanol from L type substituted phenyl serine ester

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This invention relates to the preparation of D-(-)-substituted phenyl-2-dichloroacetoamino-3-fluoro-1-propanol, the method involves using L type substituted phenyl serine ester extracted and purified from resolution waste liquid as raw material and through stepped reactions. The process is simple, high yielded, low costed and complete in configuration and is an effective and simple method of converting L type substituted phenyl serine ester to D type fluorothiamphenicol. The invention can prevent from disposing waste antimer produced in the resolution process of producing Florfenicol, reduce environmental pollution and has certain practical significance.

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